

TABLE 18. Female full-time graduate students in engineering fields in all institutions, by field: 1977–2008

Year	Total	Aerospace engineering	Agricultural engineering	Architecture ^a	Biomedical engineering	Chemical engineering	Civil engineering ^a	Electrical engineering	Engineering science	Industrial engineering	Mechanical engineering	Metallurgical/materials engineering	Mining engineering	Nuclear engineering	Petroleum engineering	Engineering, nec
1977	2,263	27	27	na	68	284	541	382	59	376	141	143	17	46	11	141
1978	NA	NA	NA	na	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1979	3,441	36	29	na	110	440	894	454	75	579	258	214	24	75	29	224
1980	3,855	54	31	na	131	466	899	558	92	665	316	233	27	73	27	283
1981	4,614	51	44	na	149	534	1,126	711	106	688	347	291	37	72	34	424
1982	5,249	73	51	na	180	674	1,241	818	123	765	433	313	35	73	33	437
1983	5,621	80	61	na	227	771	1,295	963	135	615	483	328	41	74	63	485
1984	6,049	86	70	na	244	734	1,438	1,150	145	624	561	358	41	70	52	476
1985	6,284	126	60	na	243	757	1,492	1,208	118	635	559	443	28	91	47	477
1986	6,978	148	62	na	297	796	1,487	1,467	152	734	627	530	35	99	38	506
1987	7,291	167	89	na	343	882	1,398	1,549	127	735	732	578	35	104	43	509
1988	7,623	168	78	na	371	796	1,565	1,682	128	741	835	586	42	101	31	499
1989	8,144	180	74	na	390	804	1,649	1,822	139	912	855	644	40	119	20	496
1990	8,705	199	87	na	455	903	1,781	1,956	177	913	848	696	47	128	24	491
1991	9,678	254	116	na	495	988	2,019	2,157	182	1,048	942	749	32	145	38	513
1992	10,661	263	134	na	519	1,100	2,328	2,420	185	1,182	1,086	812	25	149	51	407
1993	11,197	291	137	na	573	1,171	2,524	2,437	202	1,180	1,185	812	37	144	55	449
1994	11,578	278	186	na	578	1,196	2,786	2,394	202	1,309	1,217	854	35	117	49	377
1995	11,502	276	190	na	616	1,229	2,817	2,486	182	1,160	1,135	830	33	107	52	389
1996	11,827	283	194	na	624	1,324	2,854	2,610	174	1,097	1,190	831	48	122	49	427
1997	12,508	303	203	na	714	1,370	2,911	2,897	175	1,107	1,289	875	51	122	69	422
1998	12,827	314	223	na	753	1,397	2,941	3,137	222	1,084	1,233	907	45	111	48	412
1999	13,523	325	233	na	890	1,396	3,045	3,374	197	1,136	1,262	848	43	111	73	590
2000	14,852	374	241	na	942	1,546	3,300	3,889	219	1,339	1,344	850	35	125	72	576
2001	16,193	386	260	na	1,087	1,540	3,425	4,473	257	1,429	1,438	989	31	128	78	672
2002	18,417	412	245	na	1,378	1,666	3,780	5,356	304	1,572	1,580	1,062	30	128	95	809
2003	20,076	453	279	na	1,758	1,810	4,118	5,568	364	1,631	1,748	1,128	32	154	116	917
2004	19,819	454	265	na	1,912	1,817	4,161	5,087	378	1,595	1,771	1,141	30	168	120	920
2005	19,472	462	272	na	2,025	1,776	4,122	4,759	352	1,605	1,732	1,188	29	170	104	876
2006	20,682	525	302	na	2,210	1,852	4,169	5,223	383	1,742	1,790	1,212	33	177	106	958
2007old ^a	22,167	502	314	na	2,279	1,930	4,860	5,476	338	1,841	1,914	1,252	36	179	146	1,100
2007new ^a	22,601	502	314	1,756	2,290	1,959	3,438	5,497	337	1,931	1,913	1,261	24	178	146	1,055
2008	23,626	535	347	2,302	2,374	2,091	3,537	5,425	351	2,011	2,000	1,337	37	159	151	969

na = not applicable; data were not collected at this level of detail. NA = not available; master's-granting institutions were not surveyed in 1978, and survey of doctorate-granting institutions did not collect data by sex.

nec = not elsewhere classified.

^a In 2007, GSS-eligible fields were reclassified, newly eligible fields were added, and survey was redesigned to improve coverage and coding of GSS-eligible units. "2007new" presents data as collected in 2007; "2007old" reflects data as they would have been collected under 2006 methodology. "Architecture" is reported as a separate field of engineering in 2007new; these data were reported under "civil engineering" in 2007old and previous years. See appendix A, "Technical Notes," for more detail.

SOURCE: National Science Foundation/Division of Science Resources Statistics, NSF-NIH Survey of Graduate Students and Postdoctorates in Science and Engineering.